



2AF/2154

PATENT

Attorney Docket No.: AVALUC-01300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: 2154  
)  
Chih-Yuan Chang *et al.* ) Examiner: Lin, Kenny  
)  
Serial No.: 09/649,474 ) **TRANSMITTAL LETTER**  
)  
Filed: August 28, 2000 ) 162 North Wolfe Road  
) Sunnyvale, California 94086  
For: **A MEDIUM ACCESS CONTROL** ) (408) 530-9700  
)  
**(MAC) PROTOCOL WITH** )  
**SEAMLESS** ) Customer Number 28960  
)  
**POLLING/CONTENTION MODES** )

MS: Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Technology Center 2100

Sir:

Enclosed please find the response to the final office action mailed on March 31, 2004 for filing with the U.S. Patent and Trademark Office.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,

HAVERSTOCK & OWENS LLP

Dated: May 14, 2004

By: Thomas B. Haverstock

Thomas B. Haverstock

Reg. No.: 32,571

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

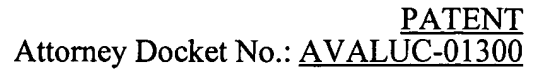
Attorneys for Applicants

- 1 -

HAVERSTOCK & OWENS LLP.

Date: 5-14-04

By: Juan D. Rios



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In re Application of:	)	Group Art Unit: 2154
Chih-Yuan Chang et al.	)	Examiner: Lin, Kenny
Serial No.: 09/649,474	)	<b>RESPONSE TO FINAL OFFICE ACTION</b>
Filed: August 28, 2000	)	<b>MAILED ON</b>
	)	<b>March 31, 2004</b>
For: <b>A MEDIUM ACCESS CONTROL</b>	)	162 N. Wolfe Road
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## Technology Center 2100

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## AMENDMENTS

**Listing of the Claims:**

1. (Currently Amended) A method of coordinating slotted multiple access in a wireless network channel shared by a plurality of users comprising the steps of:
  - a. assigning each of a plurality of users into a subgroup, thereby forming one or more subgroups of users, wherein each subgroup utilizes a contention mode;
  - b. utilizing a polling mode to provide each subgroup a transmission opportunity; and
  - c. utilizing a seamless transition between the polling and contention modes such that when a specific subgroup is provided a transmission opportunity and a collision occurs between user signals within the specific subgroup, the specific subgroup is split into smaller subgroups, each smaller subgroup including a portion of the users within the specific subgroup and each smaller subgroup utilizes a contention mode.